

**ABSTRACT**

[0015] A device driver to download code segments to a processor is provided. The device driver includes a code file including a plurality of code segments having corresponding segment code addresses. A jump table maps each of the segment code addresses to segment identifiers that correspond to the code segment. A loader, in response to a segment request including a segment label, queries the jump table for a segment code address corresponding to the segment identifier. The loader sends a code segment corresponding to the segment label to the processor.